Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081319\
Data File : BN007137.D
Acq On : 13 Aug 2019 18:19
Operator : HP/JU
Sample : K4173-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Aug 14 03:13:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	9869	0.40	ng		0.00
6) Naphthalene-d8	10.19	136	38998	0.40	ng		0.00
12) Acenaphthene-d10	14.08	164	22421	0.40	ng		0.00
18) Phenanthrene-d10	16.82	188	51300	0.40	ng		0.00
26) Chrysene-d12	21.05	240	51301	0.40	ng		-0.01
32) Perylene-d12	23.17	264	63055	0.40	ng		0.00
System Monitoring Compounds							
3) 2-Fluorophenol	5.06	112	5053	0.21	ng		0.00
4) Phenol-d6	6.62	99	6904	0.24	ng		0.00
7) Nitrobenzene-d5	8.56	82	5781	0.18	ng		0.00
10) 2-Methylnaphthalene-d10	11.79	152	12354	0.17	ng		0.00
13) 2,4,6-Tribromophenol	15.57	330	2011	0.17	ng		0.00
14) 2-Fluorobiphenyl	12.71	172	3268	0.10	ng		0.00
24) Fluoranthene-d10	18.87	212	28021	0.15	ng		0.00
28) Terphenyl-d14	19.49	244	23478	0.17	ng		0.00
Target Compounds							Qvalue
8) Naphthalene	10.24	128	38973	0.356	ng		99
11) 2-Methylnaphthalene	11.87	142	22215	0.287	ng		97
15) Acenaphthylene	13.79	152	407860	3.480	ng		99
16) Acenaphthene	14.13	154	46894	0.625	ng		97
17) Fluorene	15.14	166	91793	0.817	ng		84
22) Phenanthrene	16.87	178	1795613	11.679	ng		99
23) Anthracene	16.96	178	373190	2.657	ng		98
25) Fluoranthene	18.90	202	3004409	15.277	ng		98
27) Pyrene	19.26	202	4344901	24.151	ng		96
29) Benzo(a)anthracene	21.09	228	2397952	12.782	ng		95
30) Chrysene	21.09	228	2397952	13.156	ng		97
31) Indeno(1,2,3-cd)pyrene	25.25	276	1110832	5.529	ng		99
33) Benzo(b)fluoranthene	22.55	252	2710329	12.535	ng		99
34) Benzo(k)fluoranthene	22.55	252	2710329	12.692	ng		99
35) Benzo(a)pyrene	23.08	252	1761658	8.987	ng		99
36) Dibenzo(a,h)anthracene	25.26	278	319520	1.634	ng	#	90
37) Benzo(g,h,i)perylene	25.88	276	1216014	6.044	ng		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN081319\
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Acq On : 13 Aug 2019 18:19
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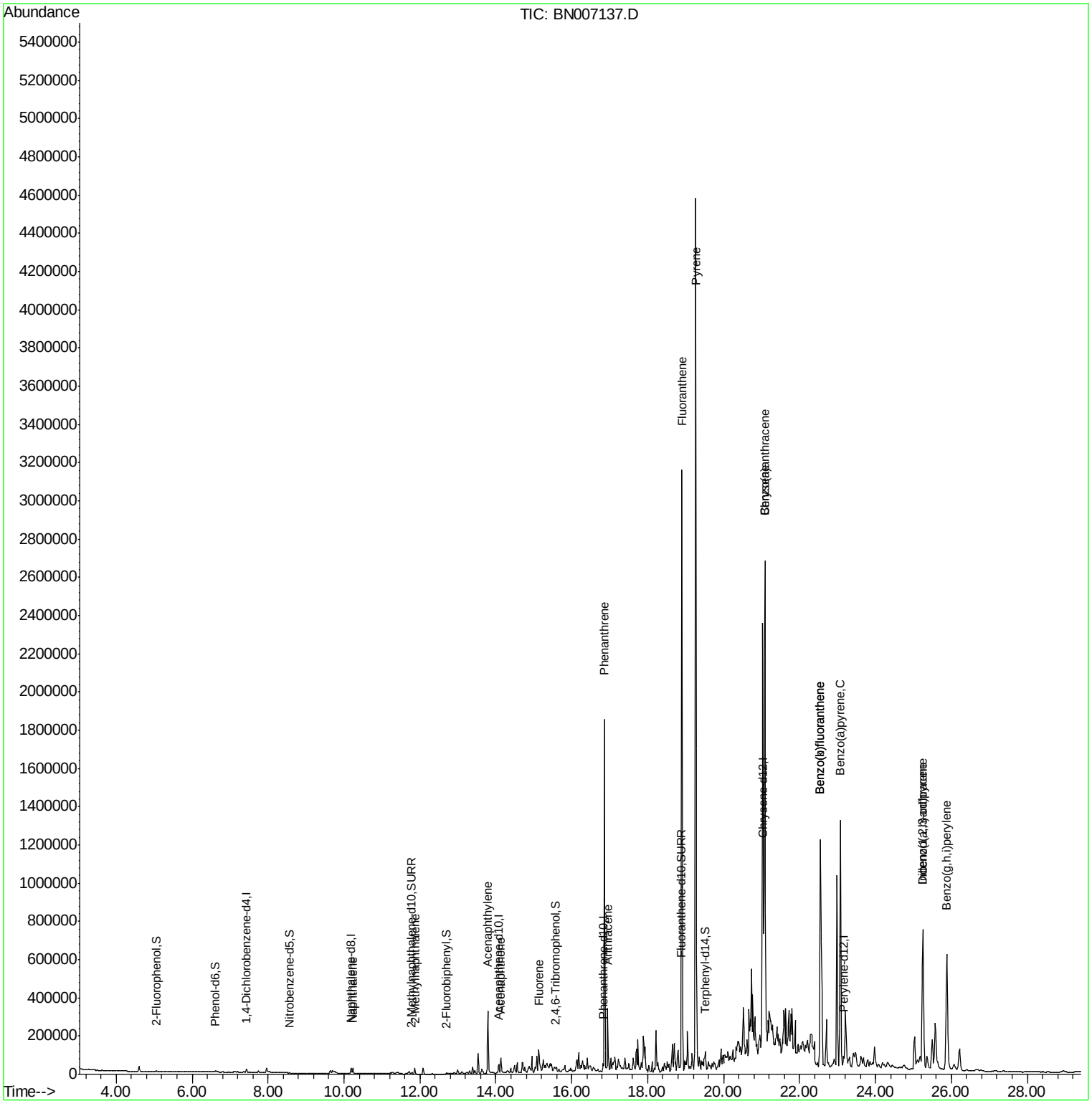
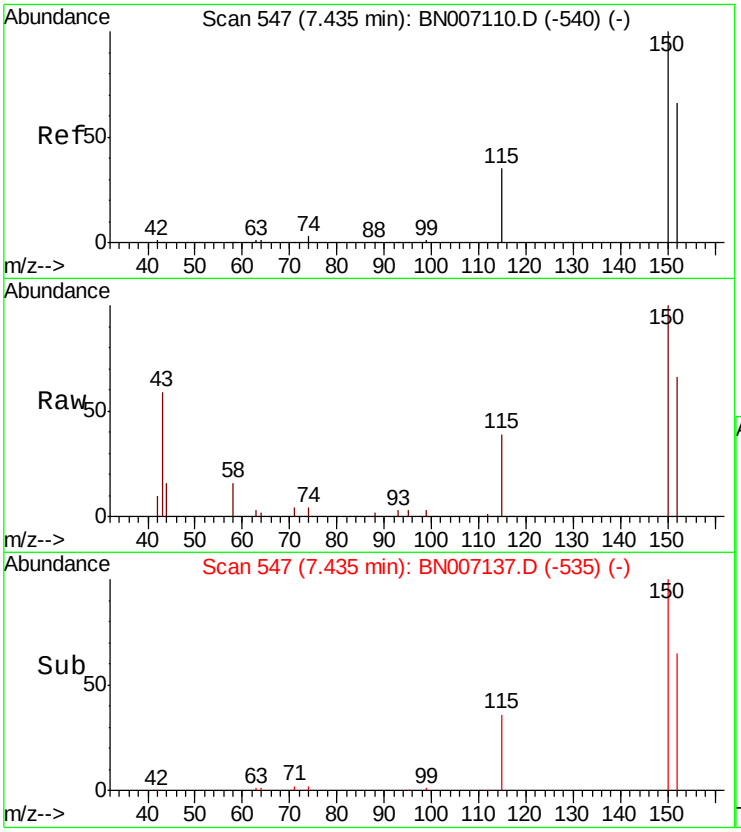
Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 14 03:13:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN081019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 12:12:02 2019
Response via : Initial Calibration



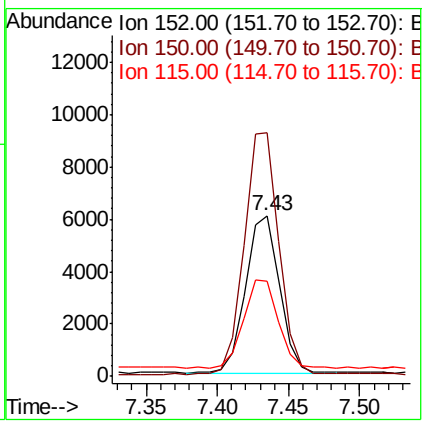


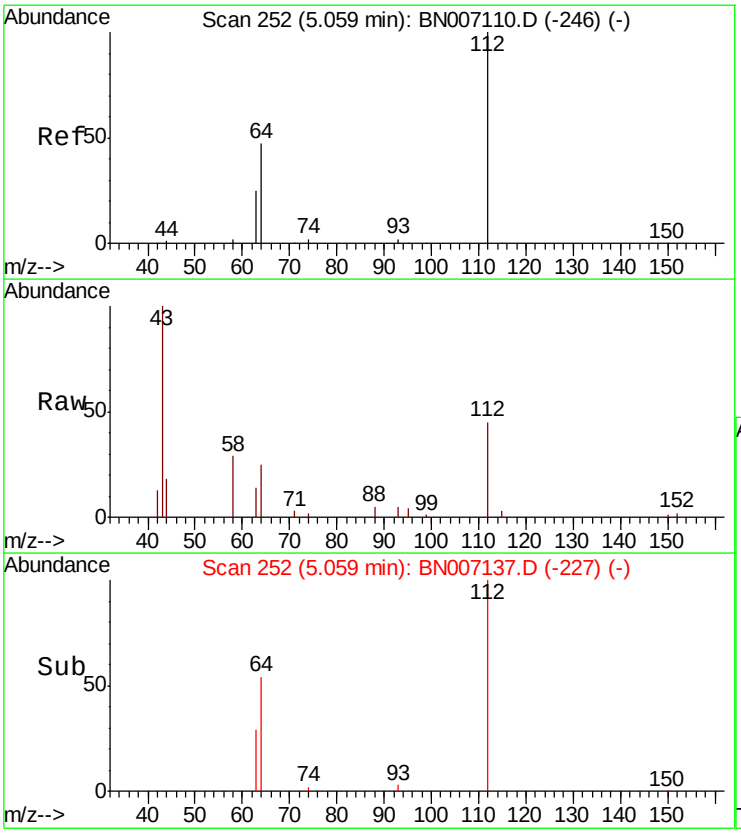
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.43 min Scan# 547
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 9869

Ion	Ratio	Lower	Upper
152	100		
150	151.4	121.7	182.5
115	59.2	46.2	69.4

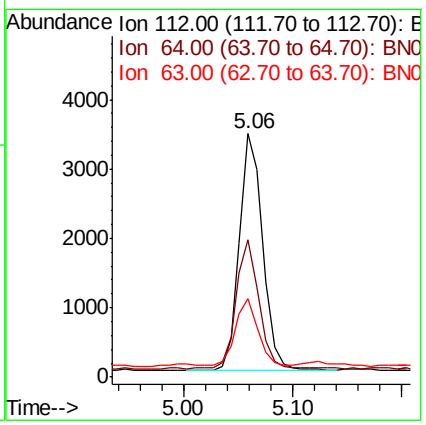


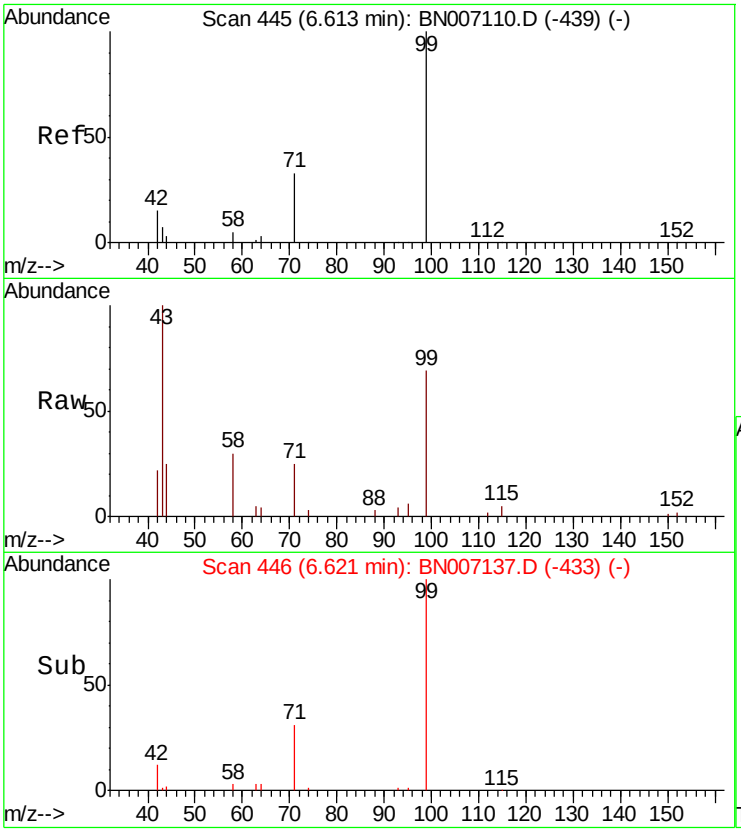


#3
2-Fluorophenol
Concen: 0.213 ng
RT: 5.06 min Scan# 252
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Tgt Ion:112 Resp: 5053

Ion	Ratio	Lower	Upper
112	100		
64	52.8	42.6	63.8
63	28.6	22.2	33.2



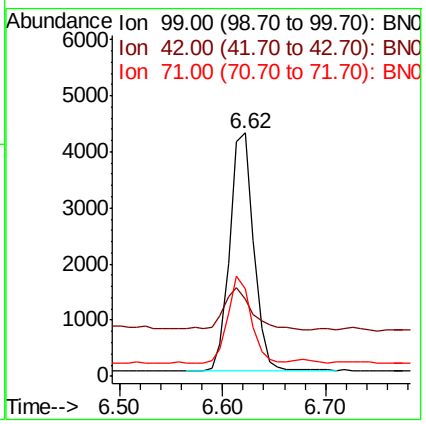


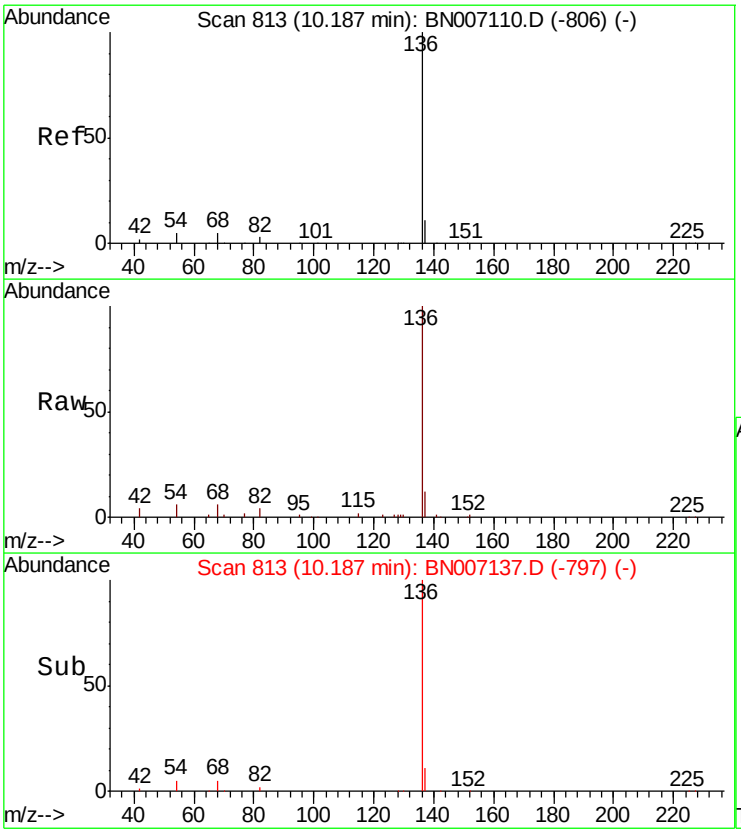
#4
Phenol-d6
Concen: 0.235 ng
RT: 6.62 min Scan# 446
Delta R.T. 0.01 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6904

Ion	Ratio	Lower	Upper
99	100		
42	20.0	15.8	23.6
71	34.8	27.0	40.4

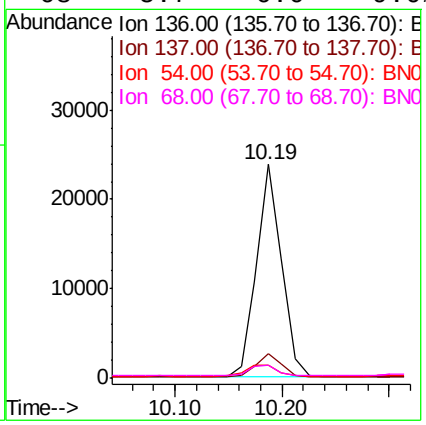


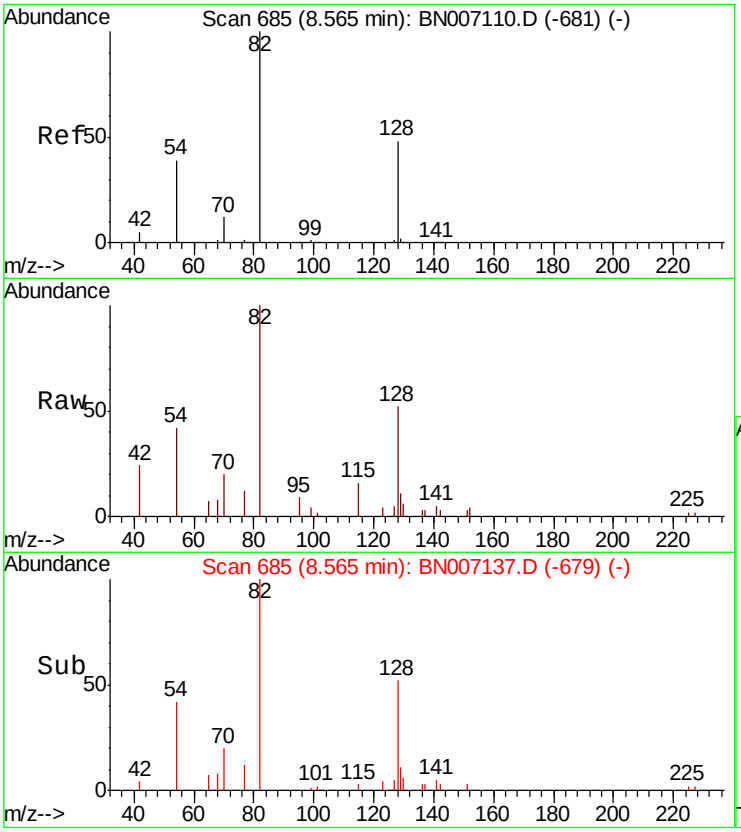


#6
Naphthalene-d8
Concen: 0.400 ng
RT: 10.19 min Scan# 813
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Tgt Ion:136 Resp: 38998

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.4	14.0
54	6.1	6.6	9.8#
68	5.7	6.0	9.0#



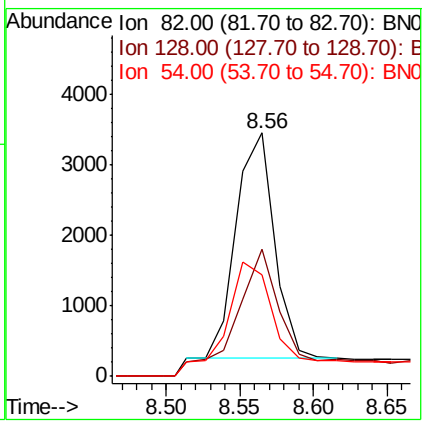


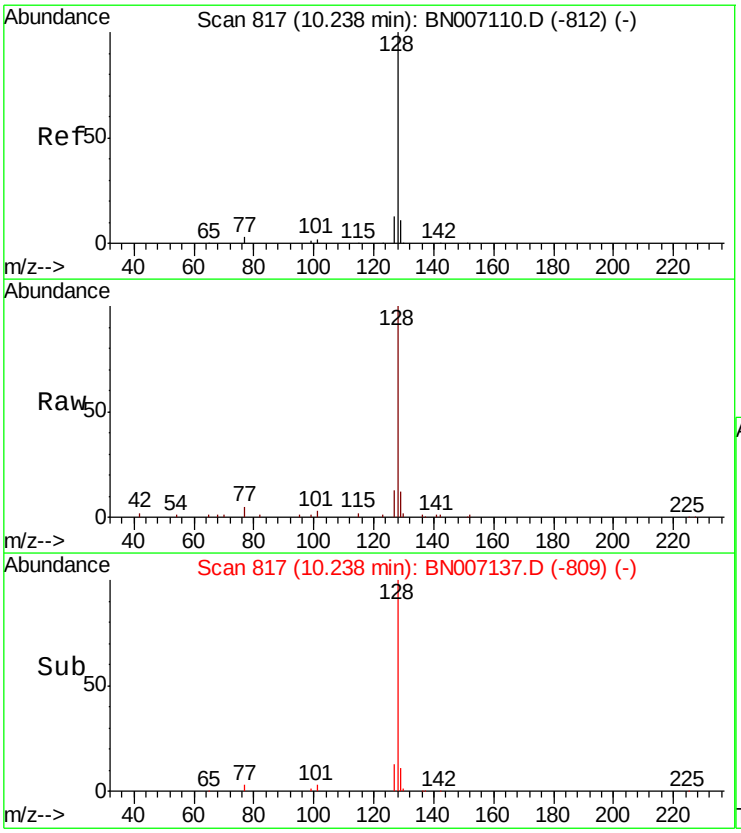
#7
Nitrobenzene-d5
Concen: 0.184 ng
RT: 8.56 min Scan# 685
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 5781

Ion	Ratio	Lower	Upper
82	100		
128	52.2	34.6	51.8#
54	41.8	36.2	54.4

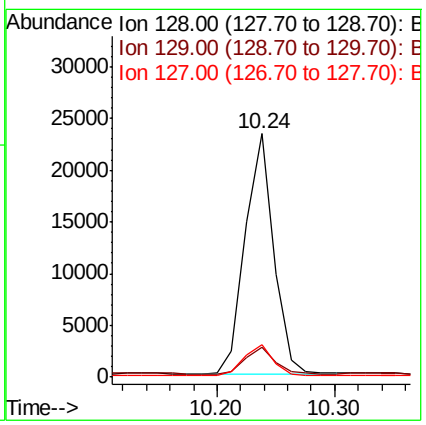


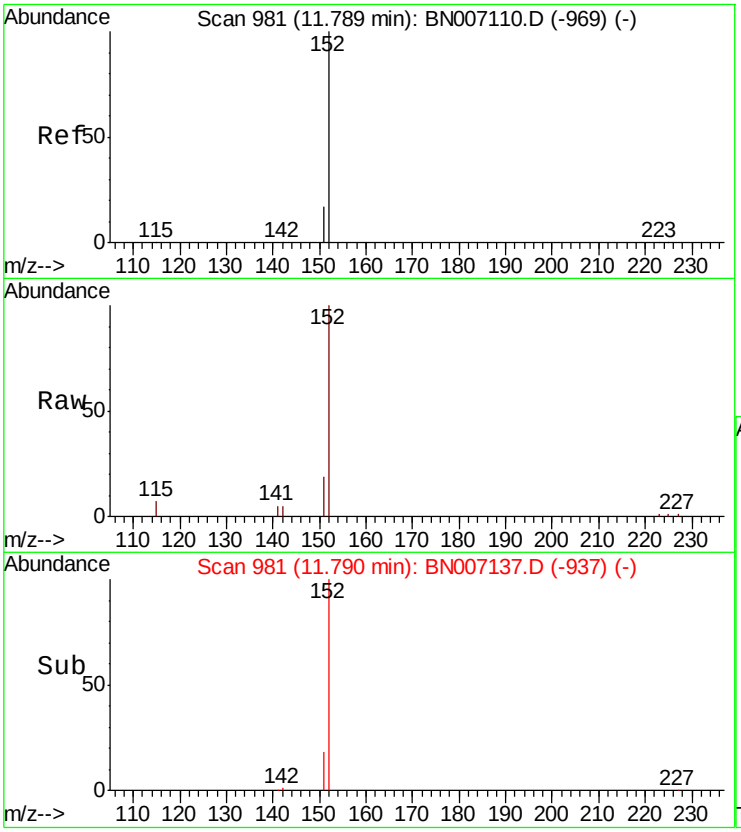


#8
Naphthalene
Concen: 0.356 ng
RT: 10.24 min Scan# 817
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Tgt Ion:128 Resp: 38973

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.4	14.2
127	13.4	11.0	16.6



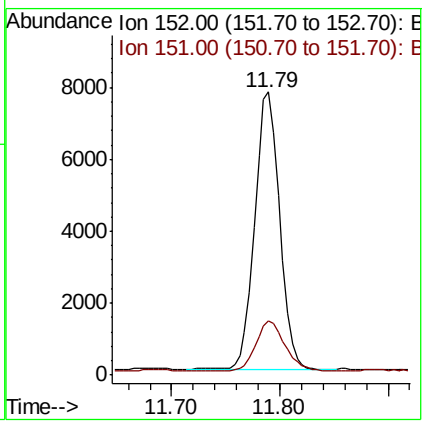


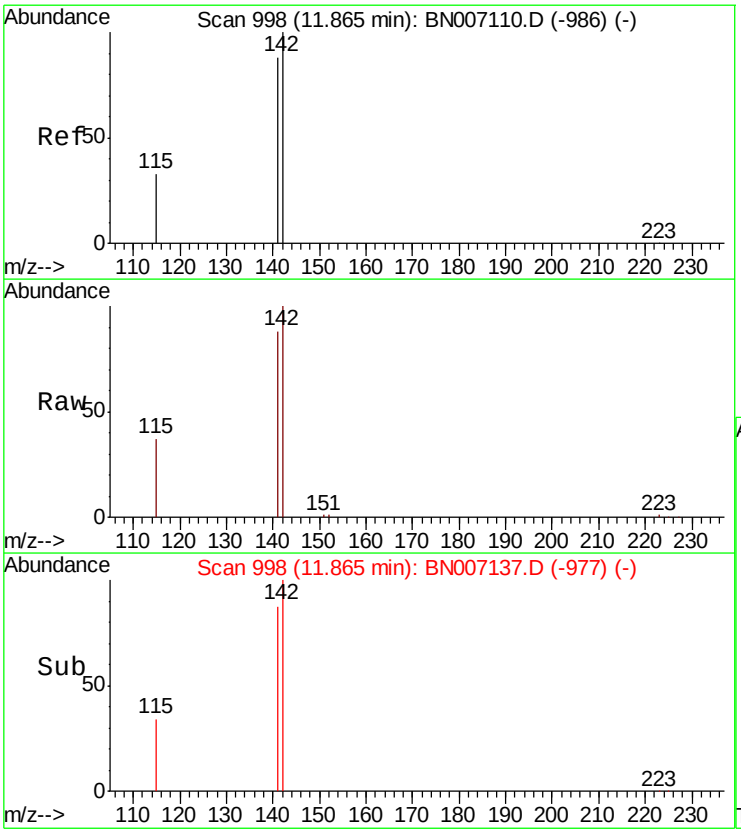
#10
2-Methylnaphthalene-d10
Concen: 0.170 ng
RT: 11.79 min Scan# 981
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12354

Ion	Ratio	Lower	Upper
152	100		
151	20.7	15.5	23.3

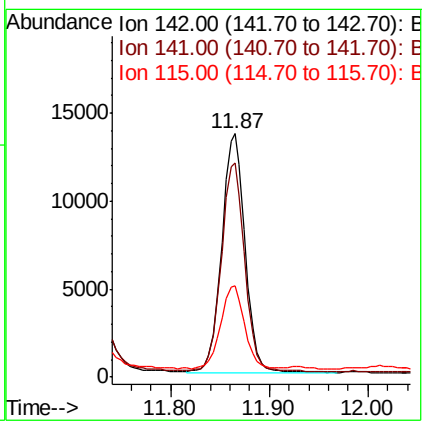


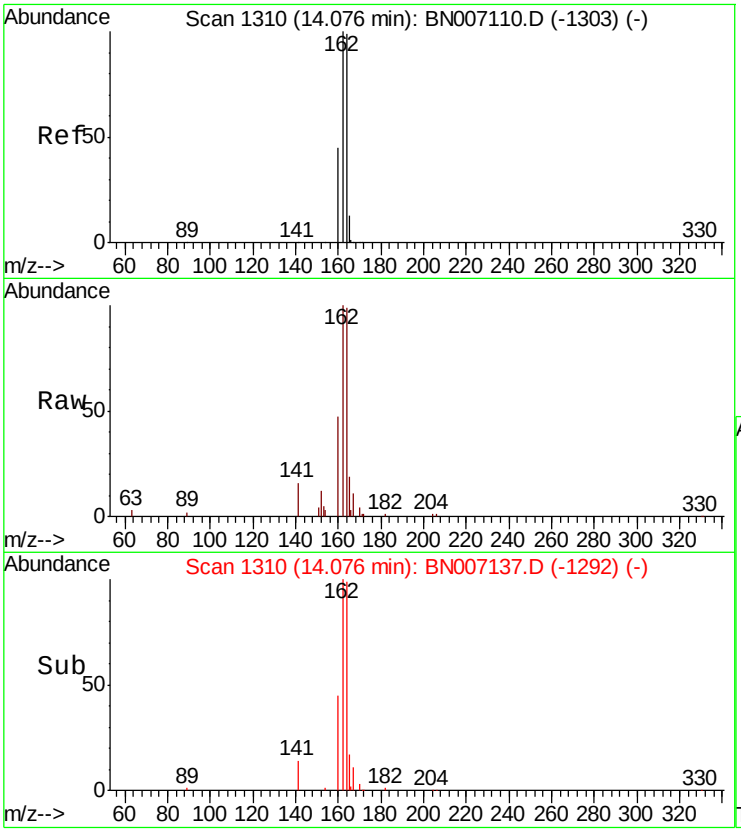


#11
2-Methylnaphthalene
Concen: 0.287 ng
RT: 11.87 min Scan# 998
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Tgt Ion:142 Resp: 22215

Ion	Ratio	Lower	Upper
142	100		
141	88.1	69.0	103.6
115	37.3	27.1	40.7



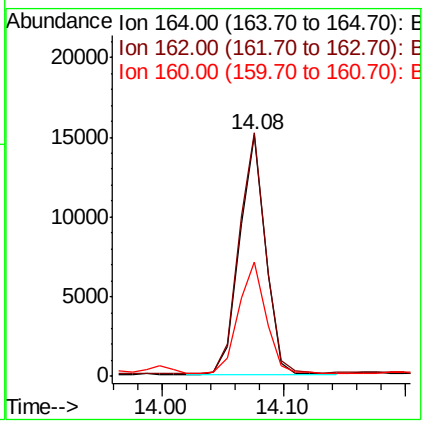


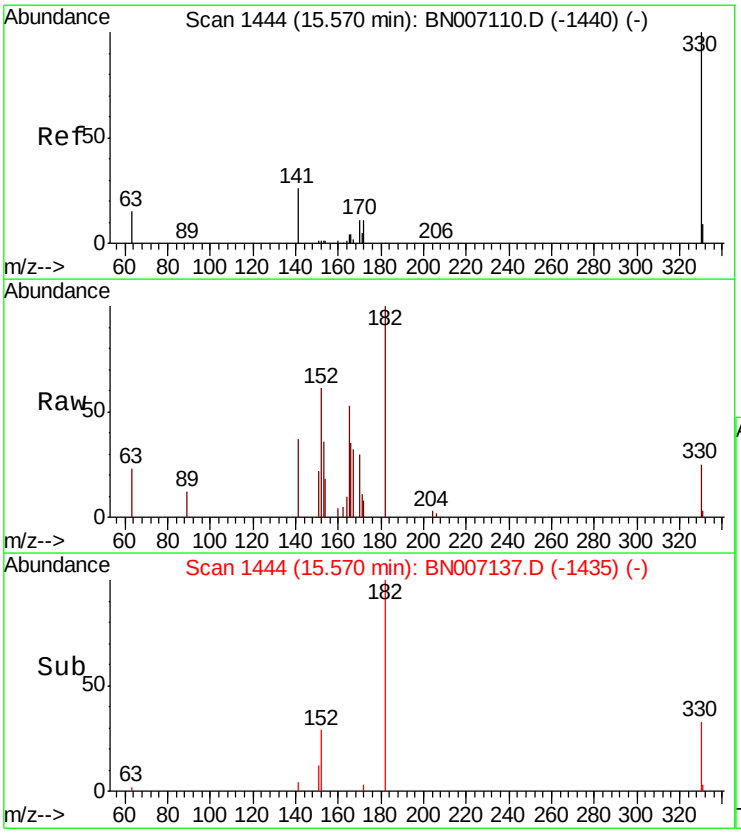
#12
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.08 min Scan# 1310
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 22421

Ion	Ratio	Lower	Upper
164	100		
162	101.0	82.2	123.4
160	47.5	38.3	57.5

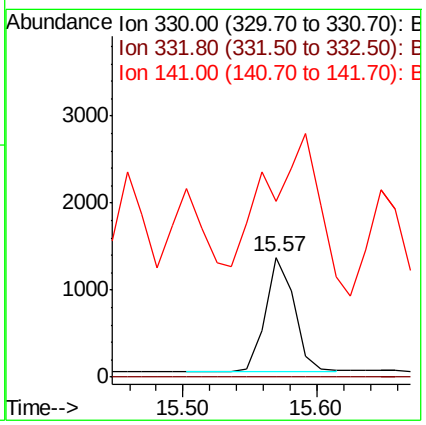


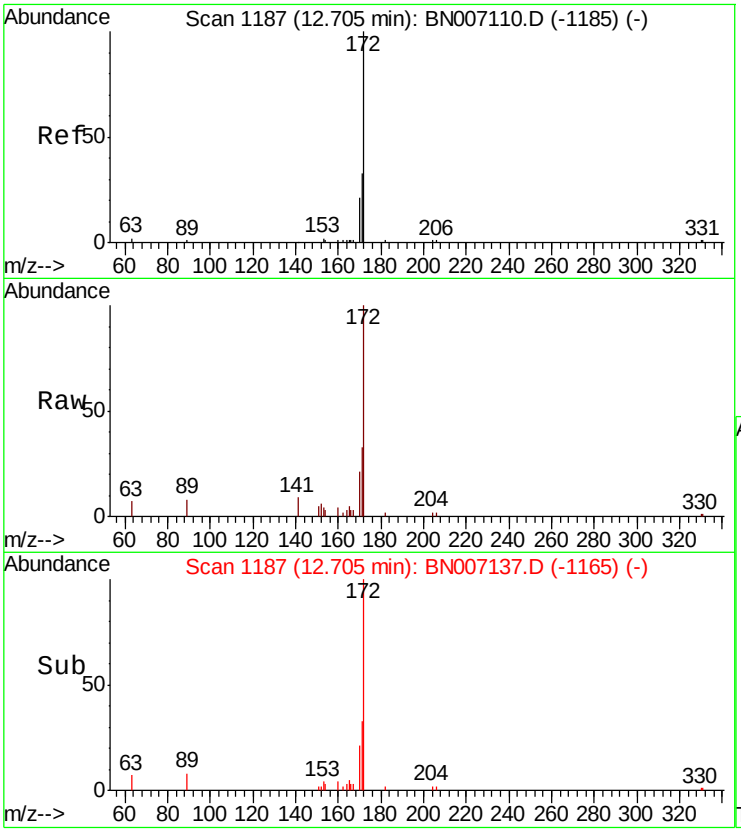


#13
2,4,6-Tribromophenol
Concen: 0.167 ng
RT: 15.57 min Scan# 1444
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Tgt Ion:330 Resp: 2011

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	33.6	50.4#



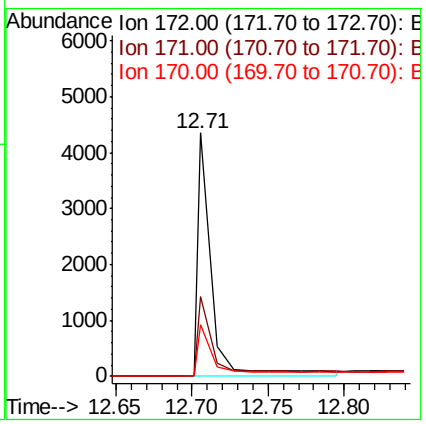


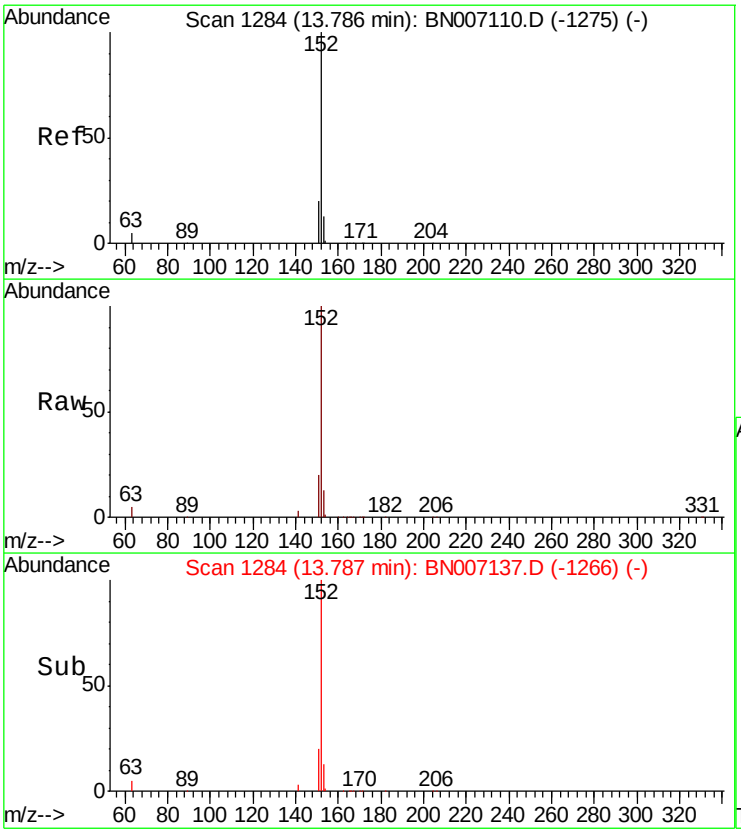
#14
2-Fluorobiphenyl
Concen: 0.100 ng
RT: 12.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 3268

Ion	Ratio	Lower	Upper
172	100		
171	32.9	26.3	39.5
170	21.0	17.0	25.4

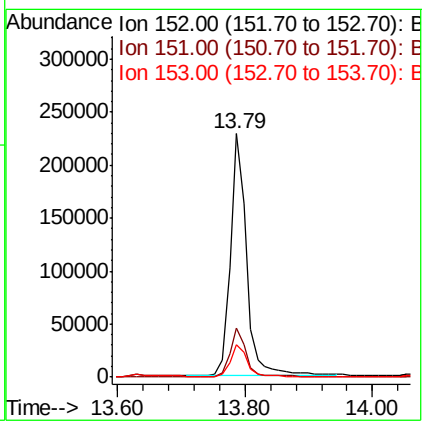


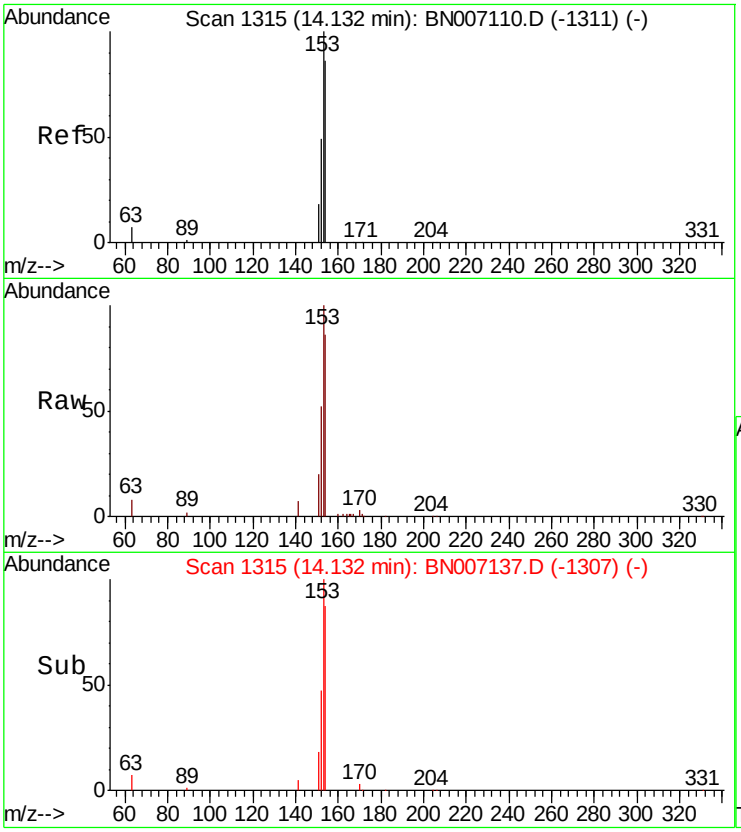


#15
Acenaphthylene
Concen: 3.480 ng
RT: 13.79 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Tgt Ion:152 Resp: 407860

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.6
153	13.5	10.4	15.6



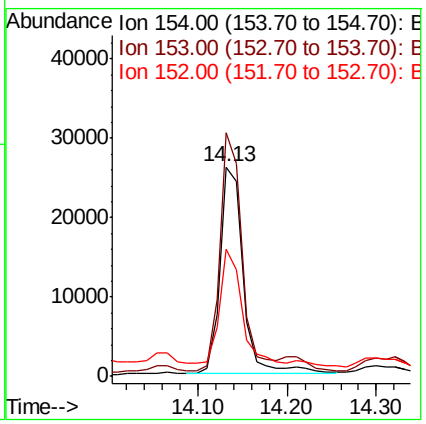


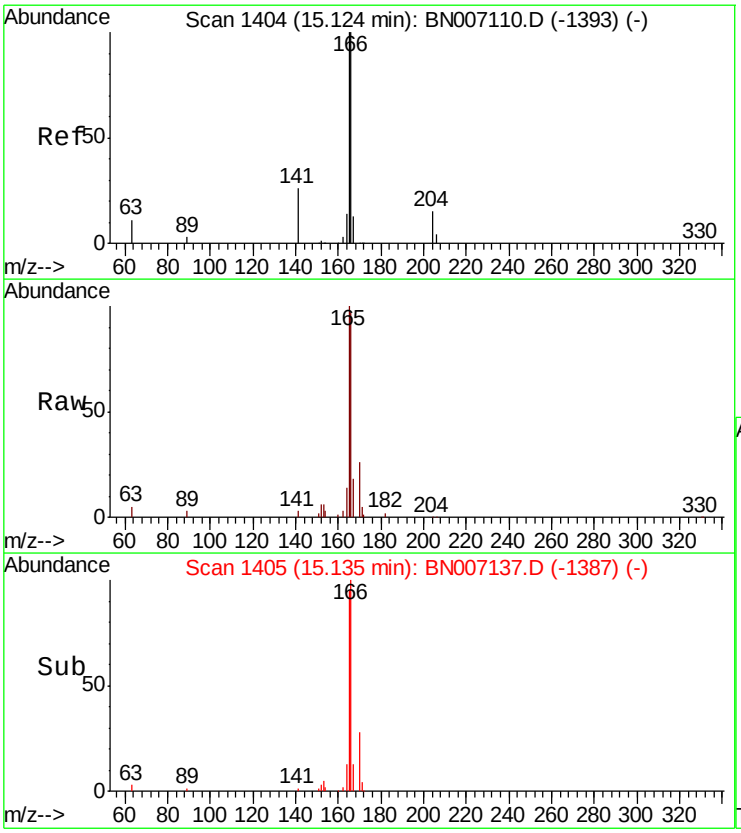
#16
Acenaphthene
Concen: 0.625 ng
RT: 14.13 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 46894

Ion	Ratio	Lower	Upper
154	100		
153	110.7	89.5	134.3
152	51.5	44.8	67.2

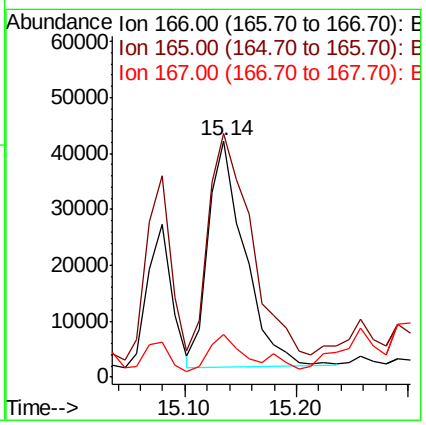


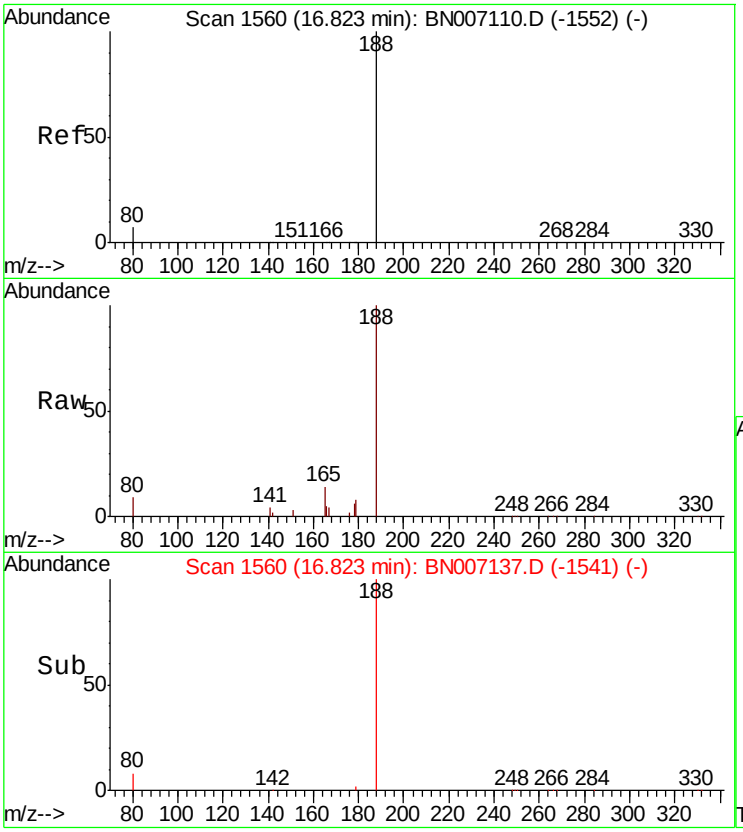


#17
Fluorene
Concen: 0.817 ng
RT: 15.14 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Tgt Ion:166 Resp: 91793

Ion	Ratio	Lower	Upper
166	100		
165	114.9	77.9	116.9
167	15.1	10.9	16.3



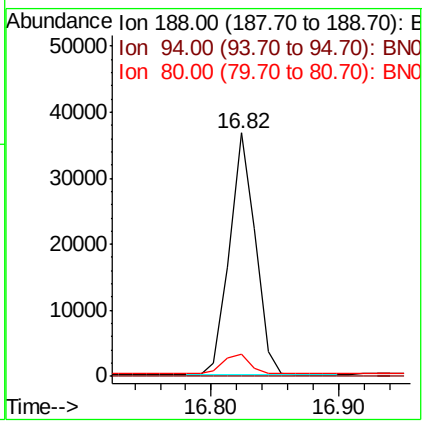


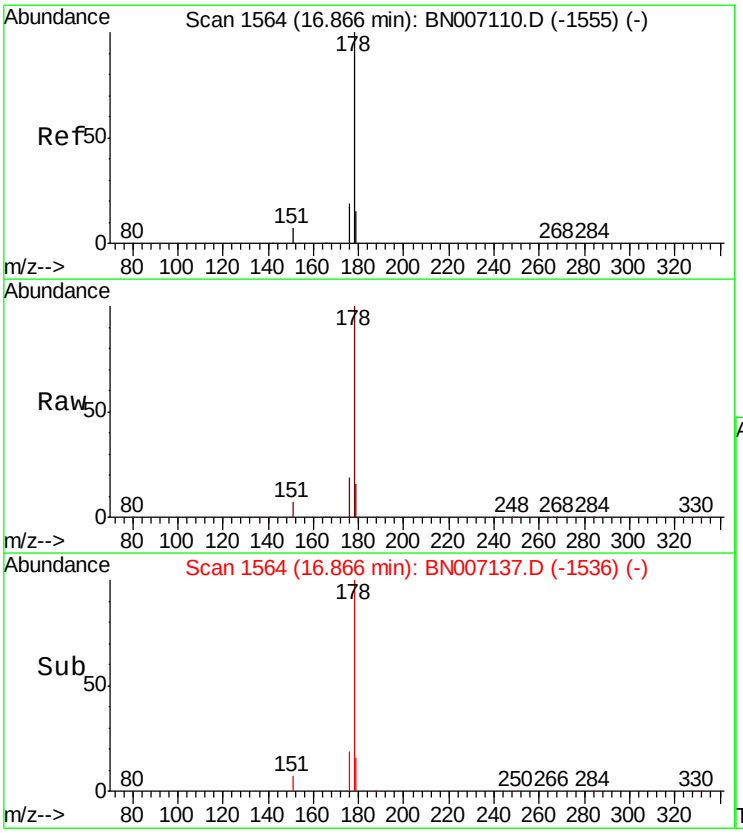
#18
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.82 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 51300

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.0	7.8	11.6

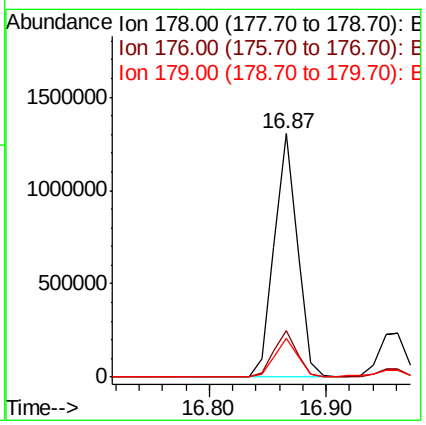


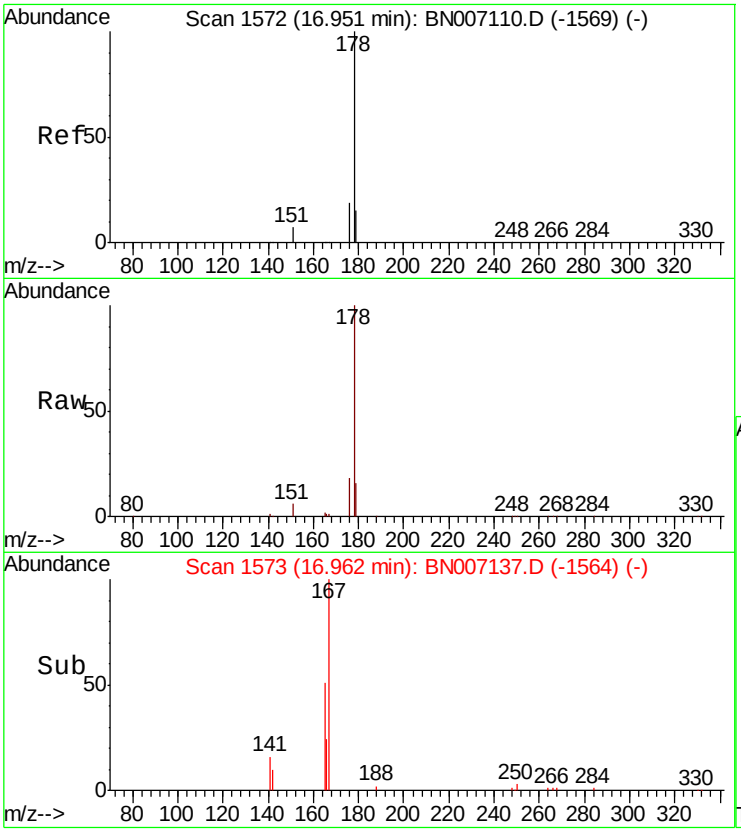


#22
Phenanthrene
Concen: 11.679 ng
RT: 16.87 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Tgt Ion:178 Resp: 1795613

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.2	22.8
179	16.1	12.3	18.5



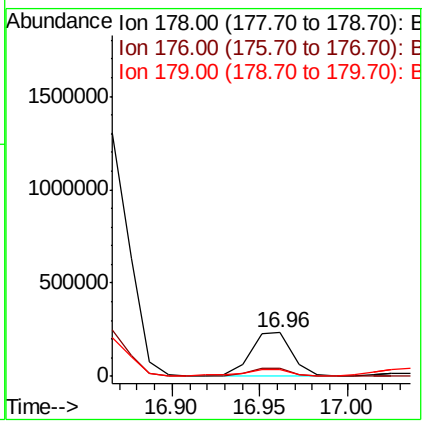


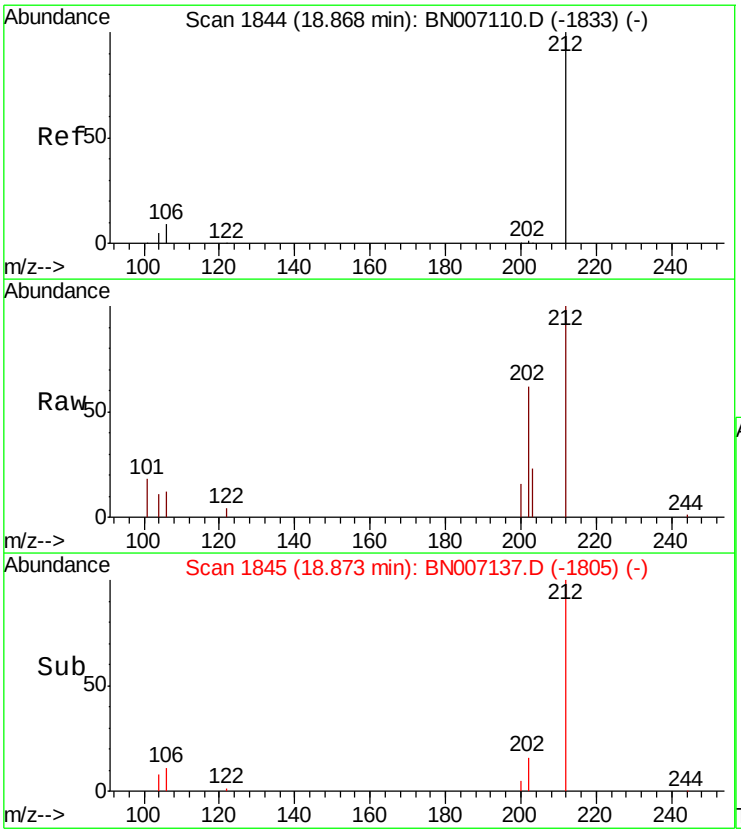
#23
Anthracene
Concen: 2.657 ng
RT: 16.96 min Scan# 1573
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 373190

Ion	Ratio	Lower	Upper
178	100		
176	18.3	14.6	21.8
179	17.2	12.5	18.7

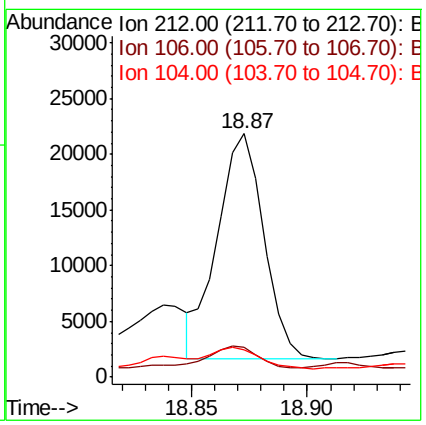


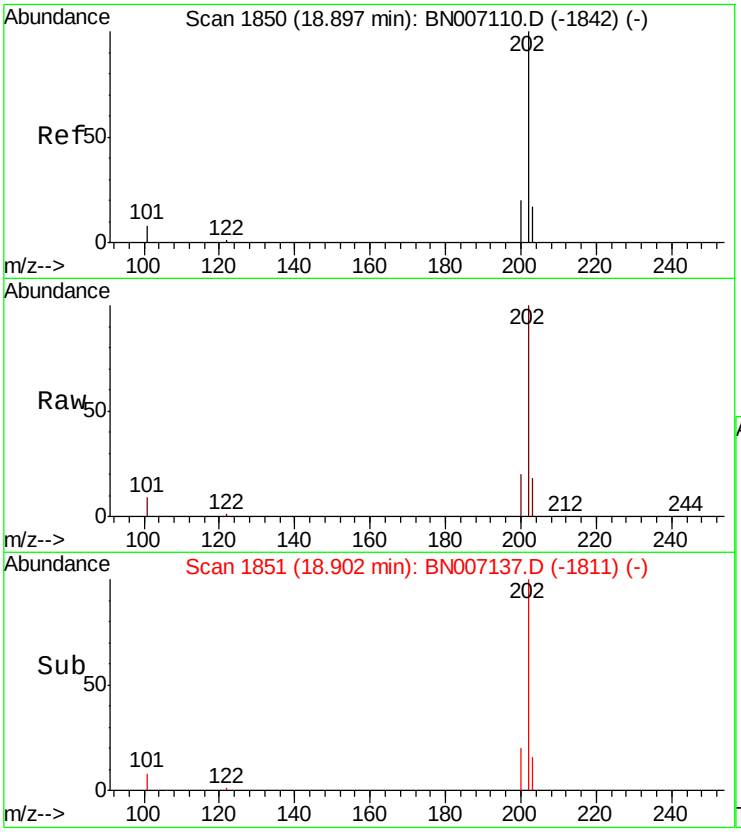


#24
Fluoranthene-d10
Concen: 0.154 ng
RT: 18.87 min Scan# 1845
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Tgt Ion:212 Resp: 28021

Ion	Ratio	Lower	Upper
212	100		
106	11.2	8.2	12.2
104	10.4	4.5	6.7#



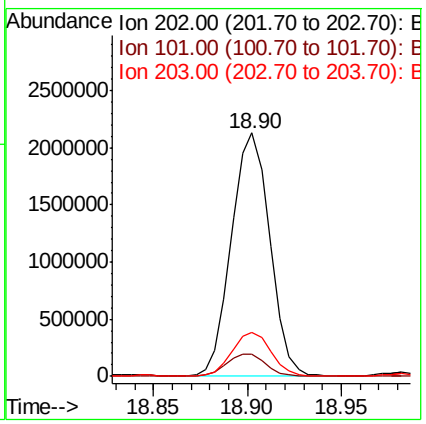


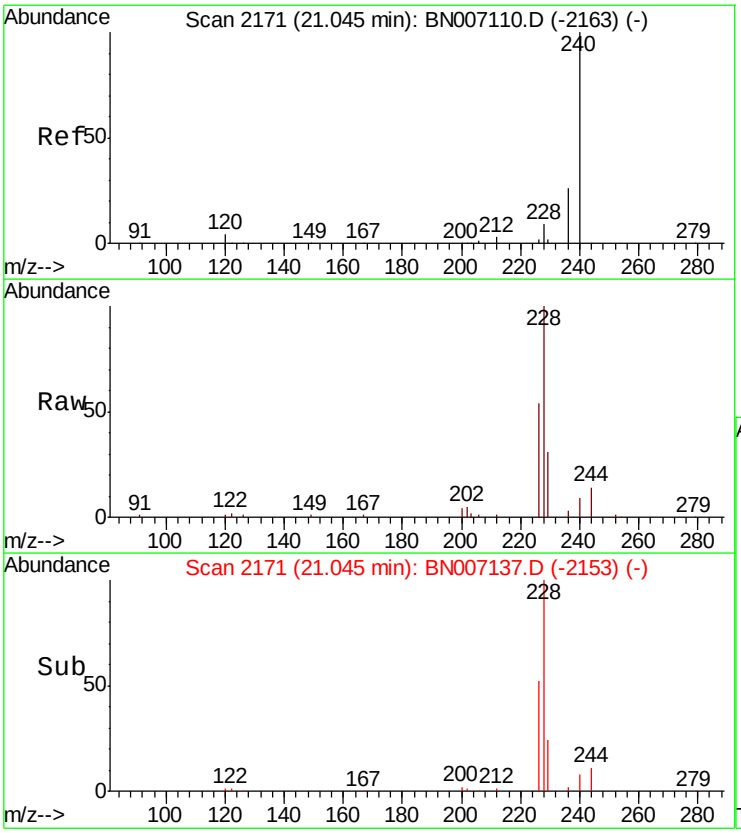
#25
Fluoranthene
Concen: 15.277 ng
RT: 18.90 min Scan# 1851
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 3004409

Ion	Ratio	Lower	Upper
202	100		
101	9.2	7.0	10.4
203	18.1	13.8	20.8

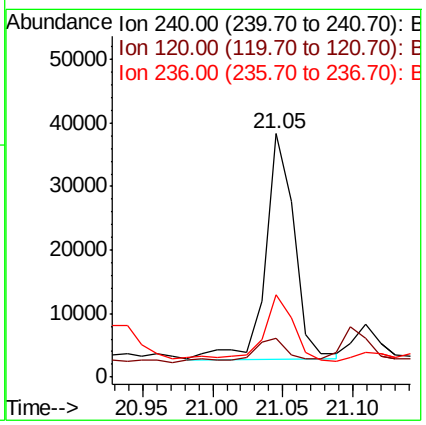


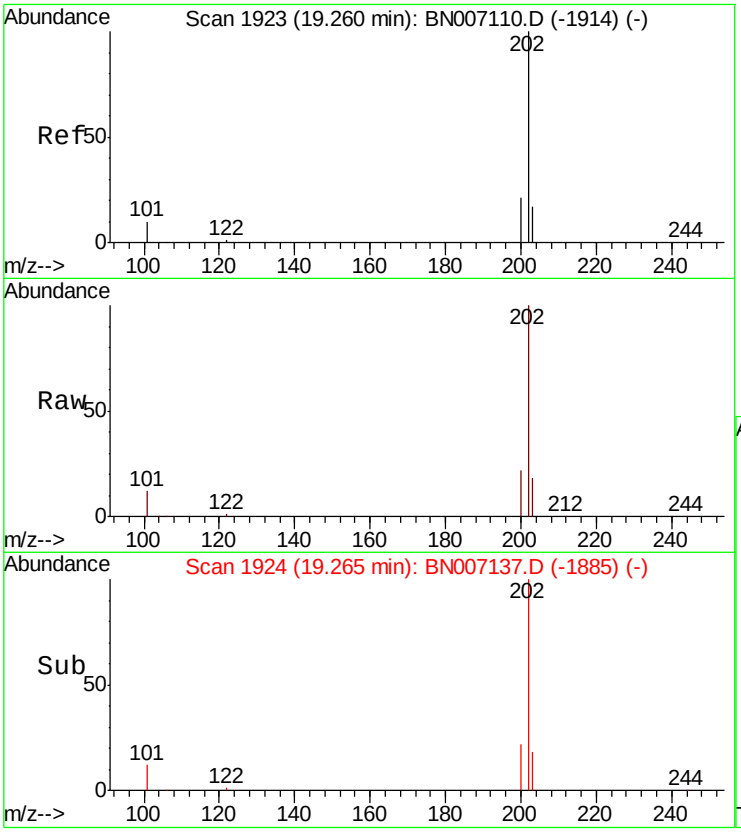


#26
Chrysene-d12
Concen: 0.400 ng
RT: 21.05 min Scan# 2171
Delta R.T. -0.01 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Tgt Ion:240 Resp: 51301

Ion	Ratio	Lower	Upper
240	100		
120	15.7	4.0	6.0#
236	34.0	21.3	31.9#



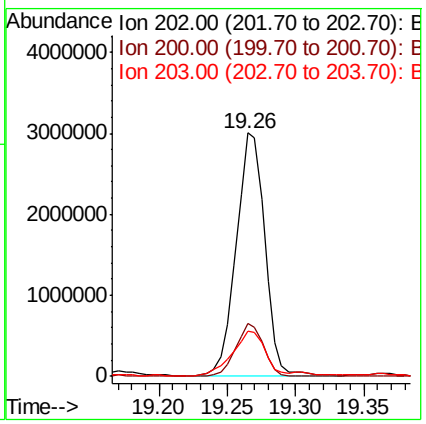


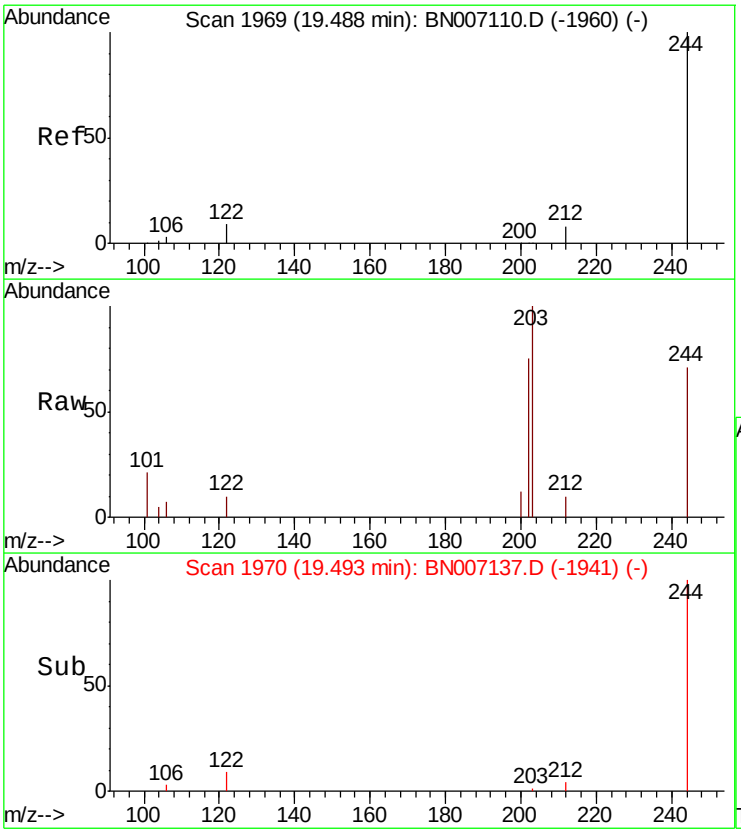
#27
Pyrene
Concen: 24.151 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 4344901

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	24.8
203	20.8	14.0	21.0

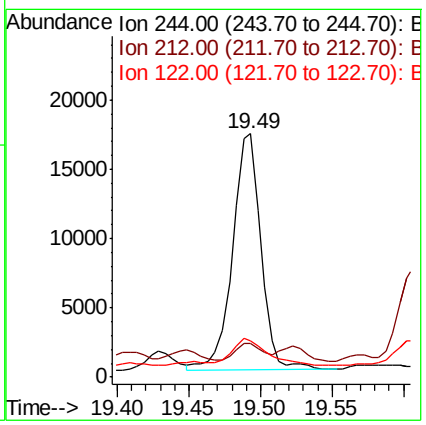


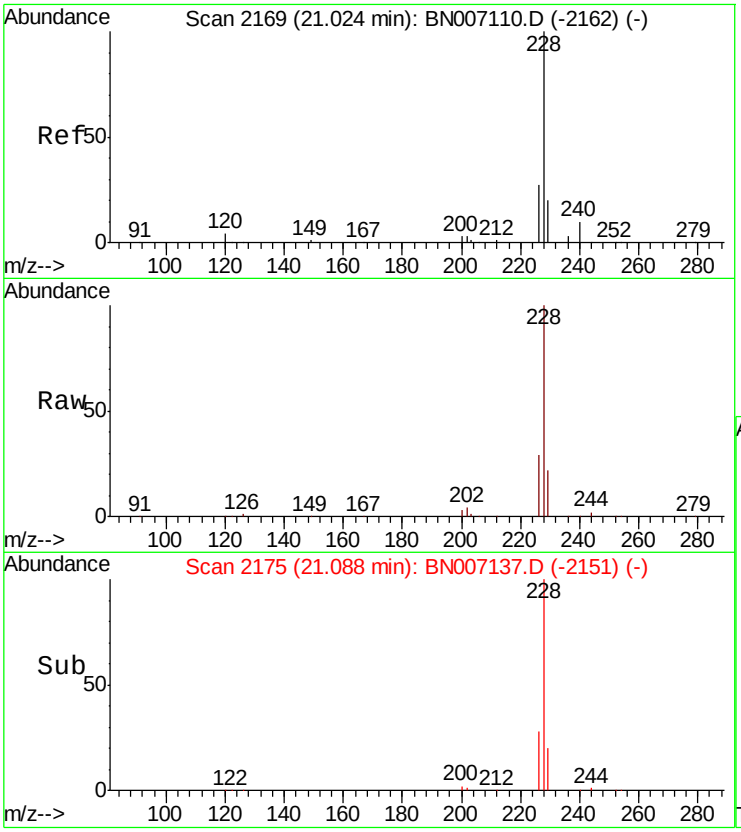


#28
Terphenyl-d14
Concen: 0.168 ng
RT: 19.49 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Tgt Ion:244 Resp: 23478

Ion	Ratio	Lower	Upper
244	100		
212	14.0	6.2	9.2#
122	14.7	7.4	11.2#



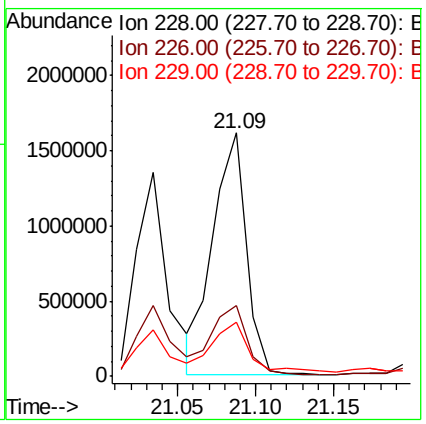


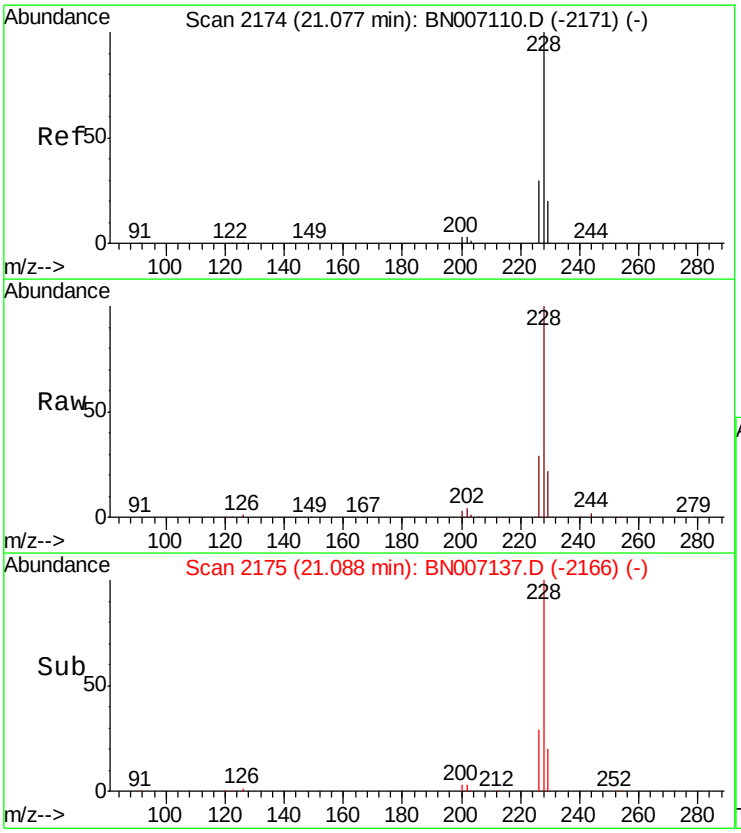
#29
Benzo(a)anthracene
Concen: 12.782 ng
RT: 21.09 min Scan# 2175
Delta R.T. 0.05 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 2397952

Ion	Ratio	Lower	Upper
228	100		
226	29.3	21.8	32.6
229	22.4	15.6	23.4

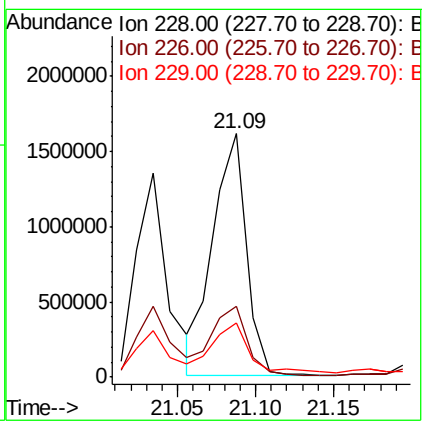


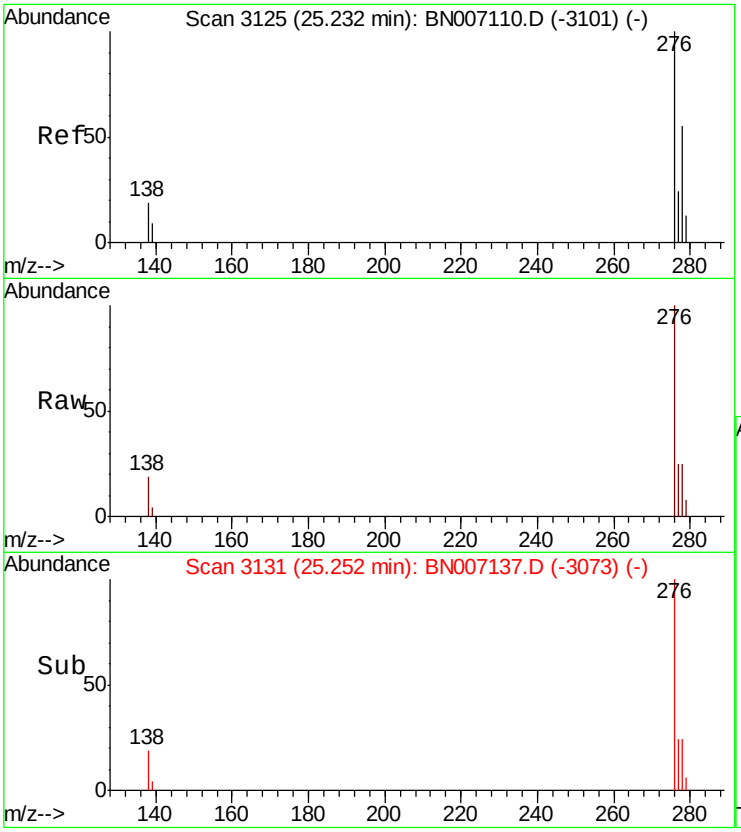


#30
Chrysene
Concen: 13.156 ng
RT: 21.09 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Tgt Ion:228 Resp: 2397952

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.6
229	22.4	15.7	23.5



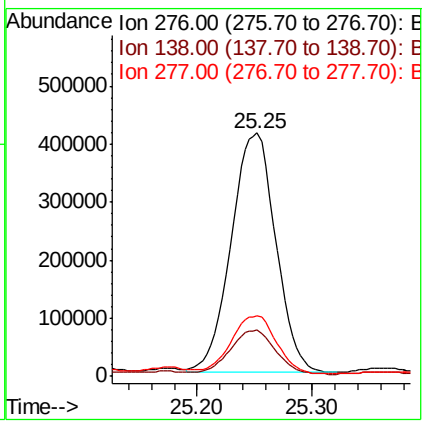


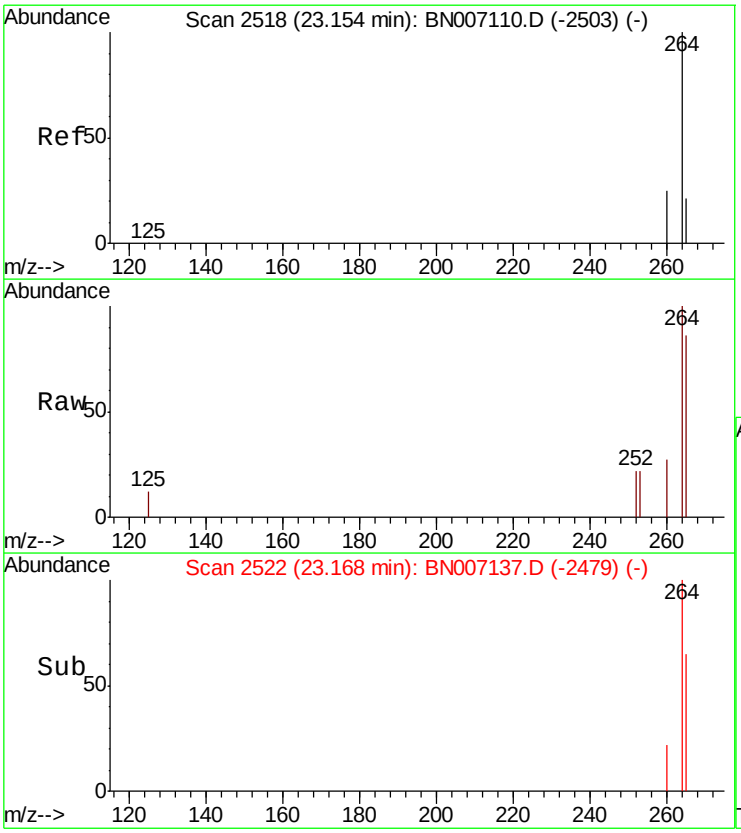
#31
Indeno(1,2,3-cd)pyrene
Concen: 5.529 ng
RT: 25.25 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1110832

Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.0	24.0
277	24.9	19.9	29.9

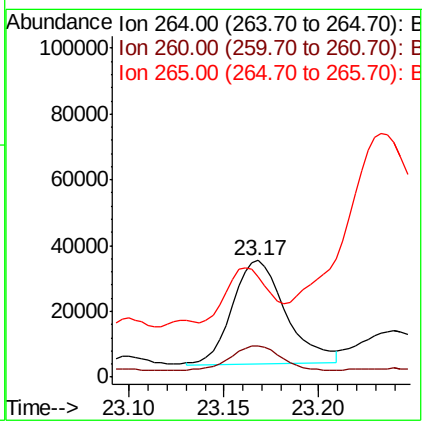


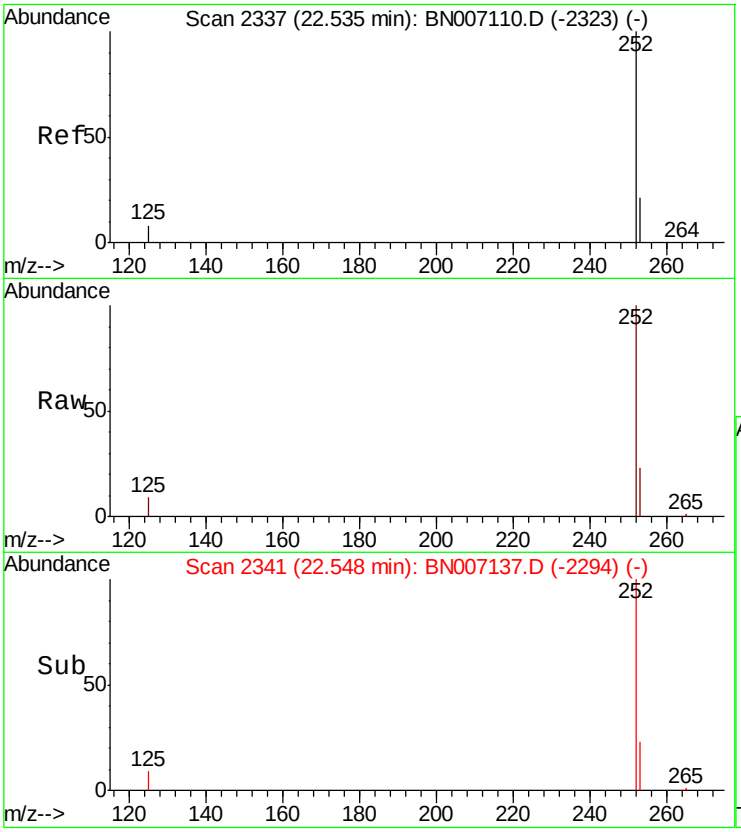


#32
Perylene-d12
Concen: 0.400 ng
RT: 23.17 min Scan# 2522
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Tgt Ion:264 Resp: 63055

Ion	Ratio	Lower	Upper
264	100		
260	26.6	19.8	29.8
265	86.3	26.2	39.4#



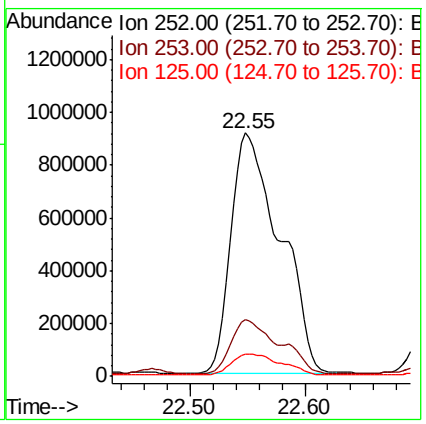


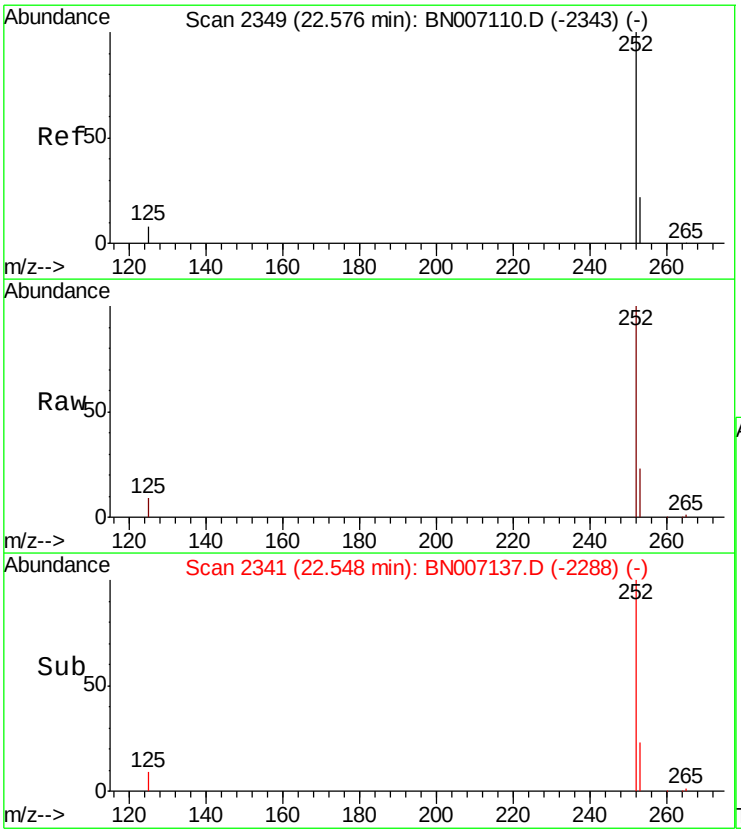
#33
Benzo(b)fluoranthene
Concen: 12.535 ng
RT: 22.55 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2710329

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.2	27.2
125	9.0	7.4	11.0

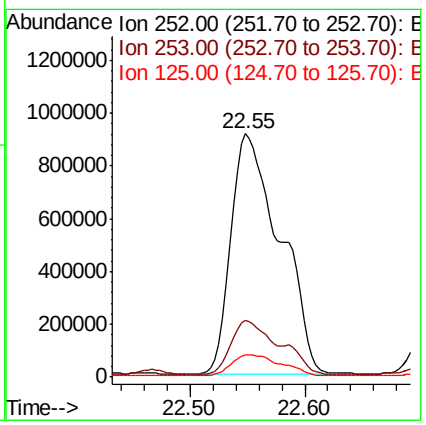


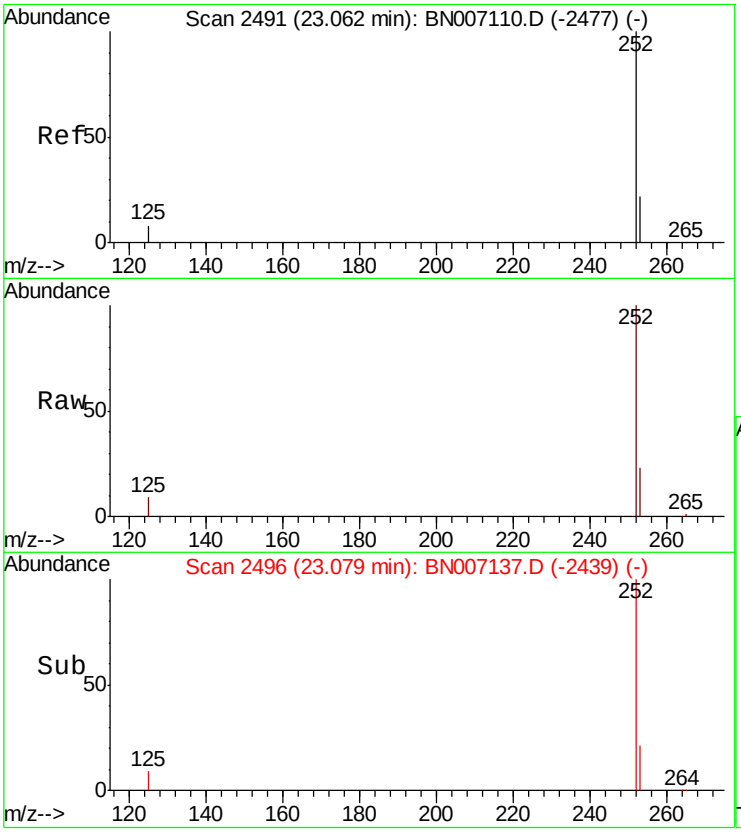


#34
Benzo(k)fluoranthene
Concen: 12.692 ng
RT: 22.55 min Scan# 2341
Delta R.T. -0.04 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Tgt Ion:252 Resp: 2710329

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.1	27.1
125	9.0	7.4	11.0



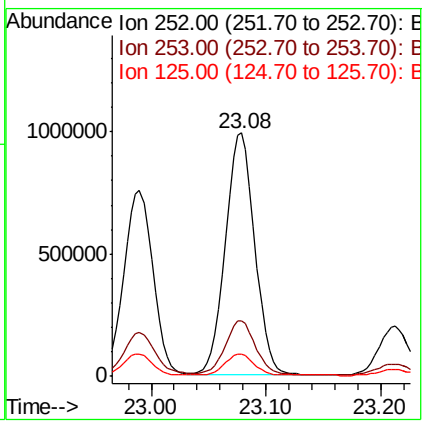


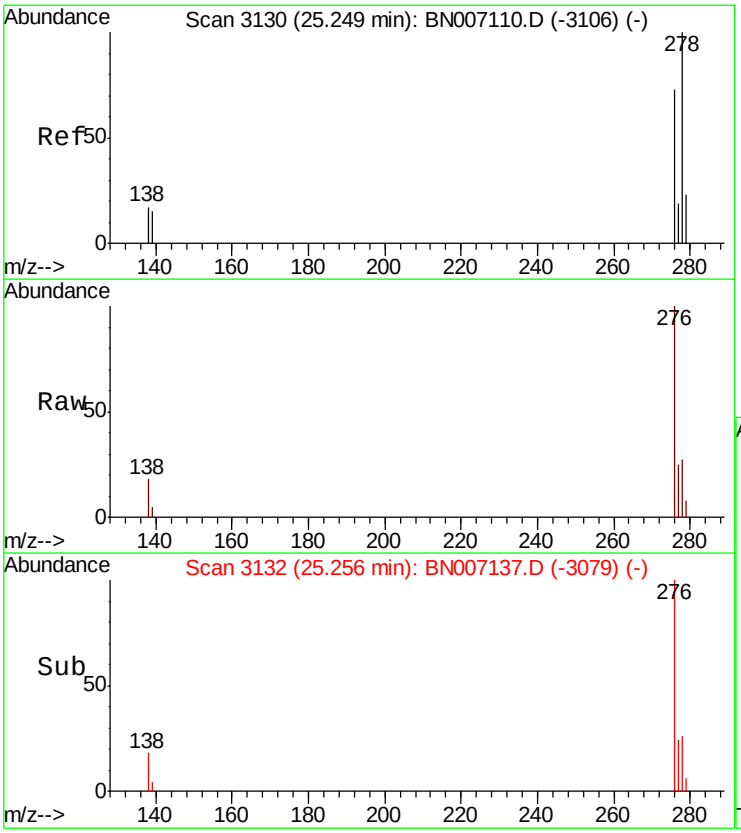
#35
Benzo(a)pyrene
Concen: 8.987 ng
RT: 23.08 min Scan# 2496
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1761658

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	9.3	8.2	12.4

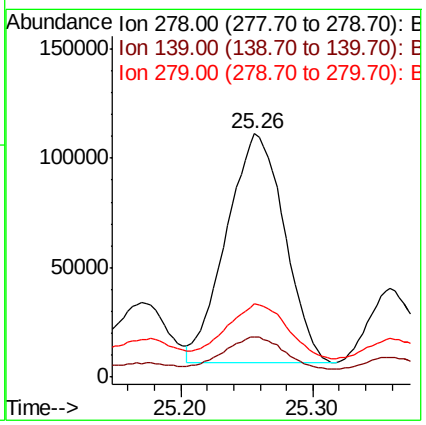


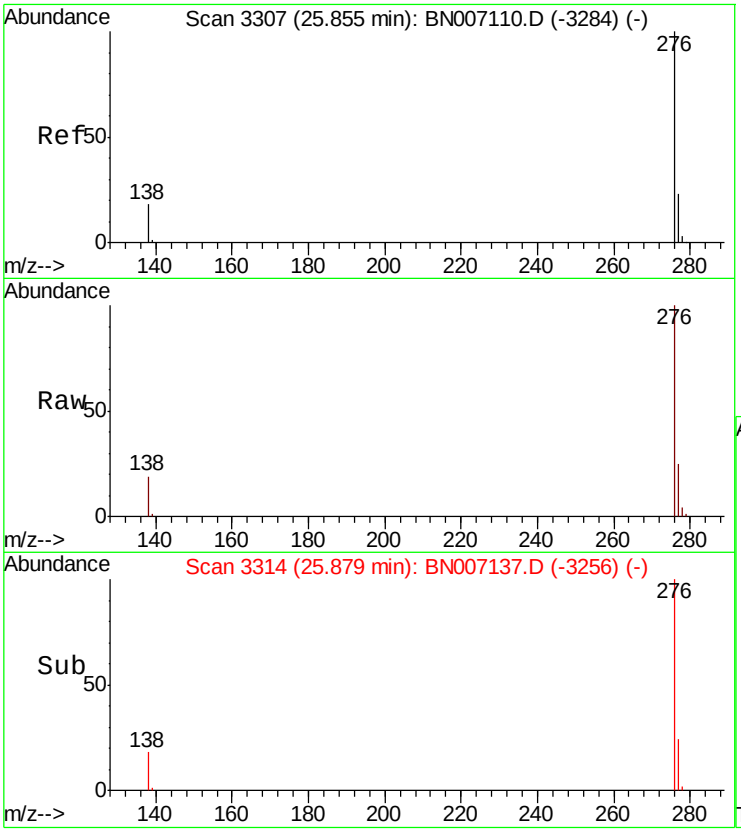


#36
Dibenzo(a,h)anthracene
Concen: 1.634 ng
RT: 25.26 min Scan# 3132
Delta R.T. -0.02 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Tgt Ion:278 Resp: 319520

Ion	Ratio	Lower	Upper
278	100		
139	16.6	11.3	16.9
279	30.0	19.3	28.9#





#37
Benzo(g,h,i)perylene
Concen: 6.044 ng
RT: 25.88 min Scan# 3314
Delta R.T. -0.00 min
Lab File: BN007137.D
Acq: 13 Aug 2019 18:19

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1216014

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.8
138	18.9	14.6	22.0